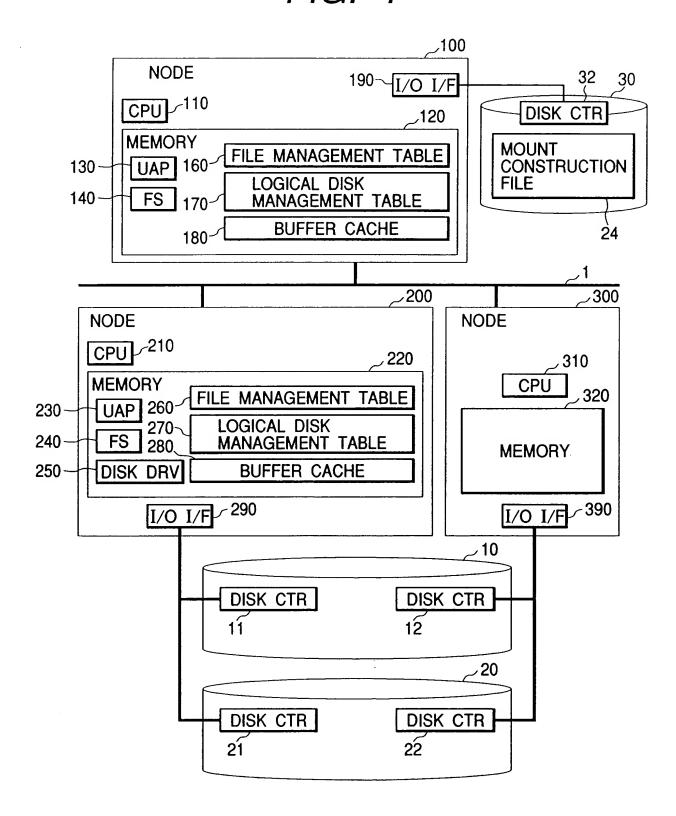
Title: File System for Creating Switched Logical I/O Paths for

Fault Recovery (as amended) Sheets of drawings 1 of 15

FIG. 1



Telephone: 650-326-2400 Inventors: Akihiro Ito et al. Title: File System for Creating Switched Logical I/O Paths for Fault Recovery (as amended) Sheets of drawings 2 of 15

2/15

FIG. 2A	2A	FILE MANAGEMENT TABLE 260(160) 261(161) 262(162 FILE ID LOGICAL DISK ID 100 123 200 123	(161) (161)	TABLE 260( 262 3ICAL DISK 123 123	262(162) SK ID FILE 19	262(162) 262(162)  LOGICAL DISK ID FILE MANAGEMENT INFORMATION 123 1999/12/12 500 BYTE ··· 123 1999/12/12 500 BYTE ···	128 BYTE 500 BYTE	263(163) MATION 		
		LOGICAL DISP		ZEM ZEM	ABLE 270		276		278	279
FIG. 2B	2B	(171)	(172)	(173)	(174)	(175)	(176)	(177)	(178)	(179)
		LOGICAL NODE I	ODE UMBER	I/O I/F DISK CTR NUMBER NUMBER	ISK CTR UMBER	STATUS FLAG	NODE NUMBER		I/O I/F DISK CTR NUMBER NUMBER	STATUS FLAG
		123	200	790	11	AVAILABLE	300	390	12	WAITING

283 BUFFER CACHE 280

283	CACHE DATA	ZXX	ABC
282	BLOCK NUMBER	10	11
281	LOGICAL DISK ID	123	123

Telephone: 650-326-2400
Inventors: Akihiro Ito et al.
Title: File System for Creating Switched Logical I/O Paths for Fault Recovery (as amended)
Sheets of drawings 3 of 15

3 / 15

MOUNT CONSTRUCTION FILE 24

# ((NODE NUMBER, I/O I/F NUMBER, DISK CTR NUMBER) AVAILABILITY)

33 ((300,390,12) AVAILABLE) ((200,290,11) AVAILABLE) 25

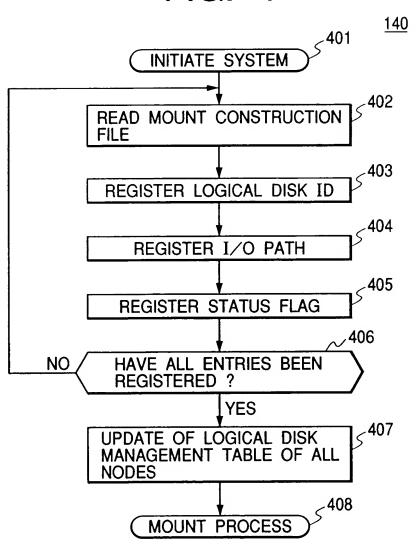
COMMENT

Telephone: 650-326-2400 Inventors: Akihiro Ito et al. Title: File System for Creating Switched Logical I/O Paths for

Fault Recovery (as amended) Sheets of drawings 4 of 15

4/15

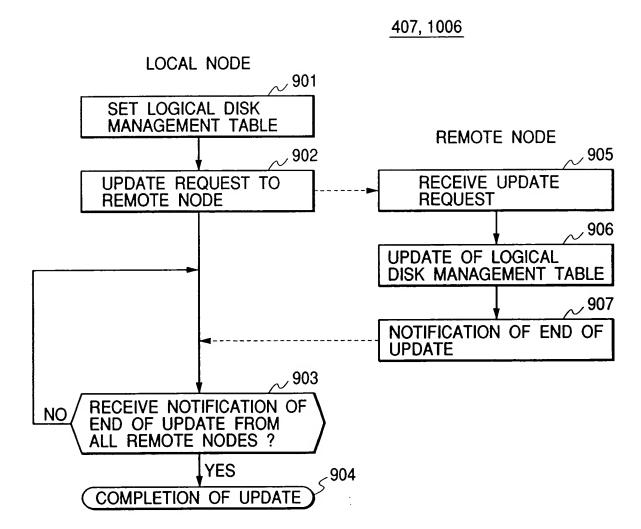
FIG. 4



Telephone: 650-326-2400 Inventors: Akihiro Ito et al. Title: File System for Creating Switched Logical I/O Paths for

Fault Recovery (as amended) Sheets of drawings 5 of 15

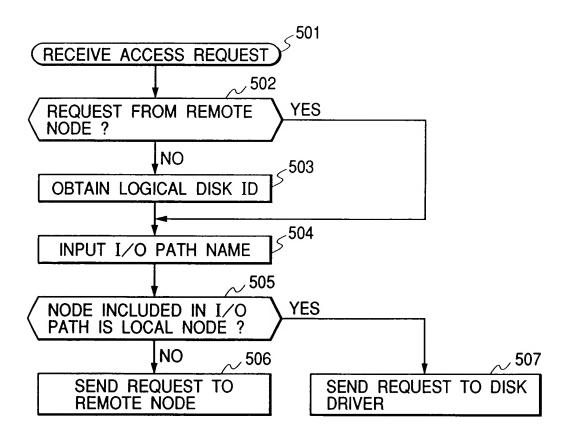
FIG. 5



Telephone: 650-326-2400 Inventors: Akihiro Ito et al. Title: File System for Creating Switched Logical I/O Paths for Fault Recovery (as amended)
Sheets of drawings 6 of 15

-----

FIG. 6



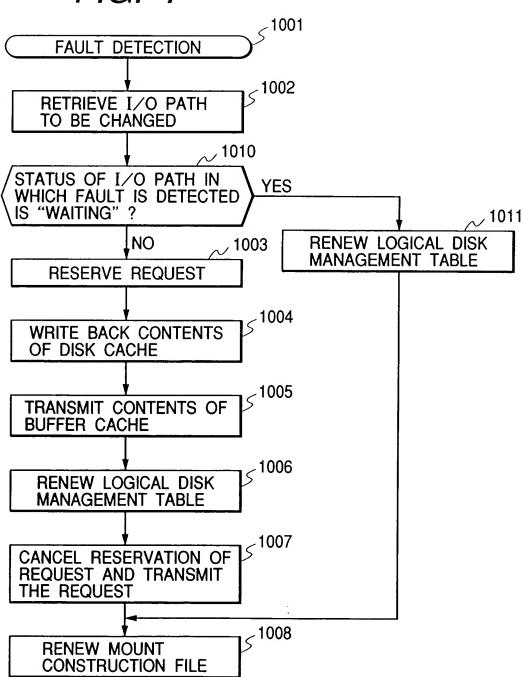
Title: File System for Creating Switched Logical I/O Paths for

Fault Recovery (as amended)
Sheets of drawings 7 of 15

. . . . .

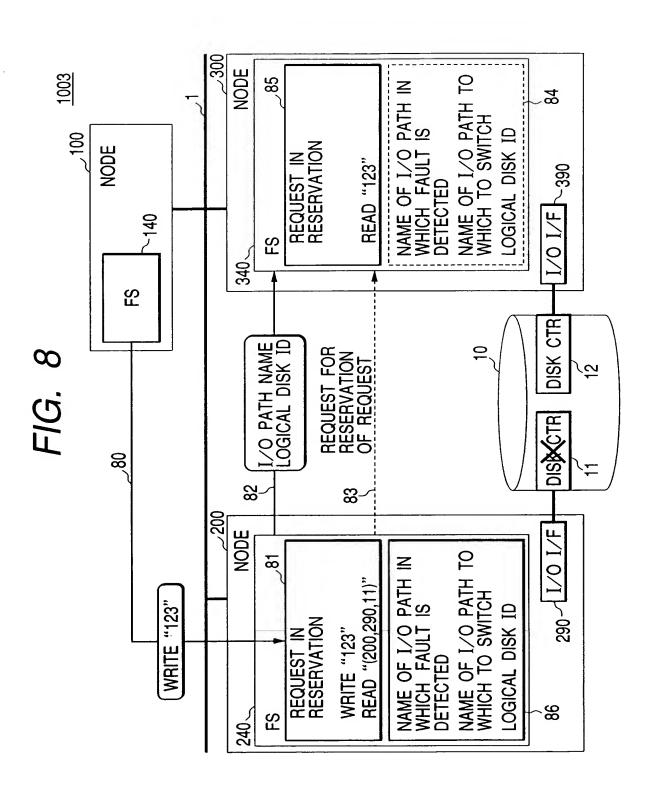
7 / 15

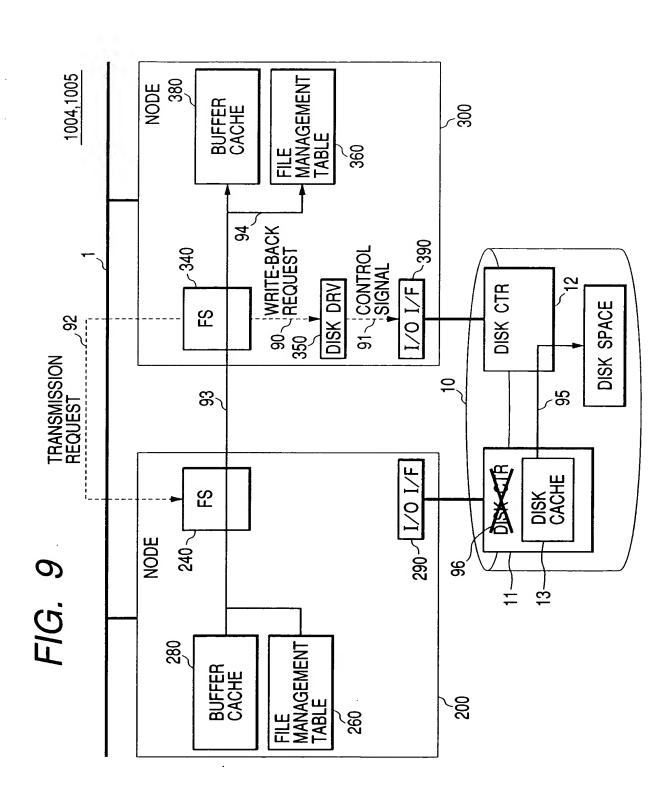




Title: File System for Creating Switched Logical I/O Paths for

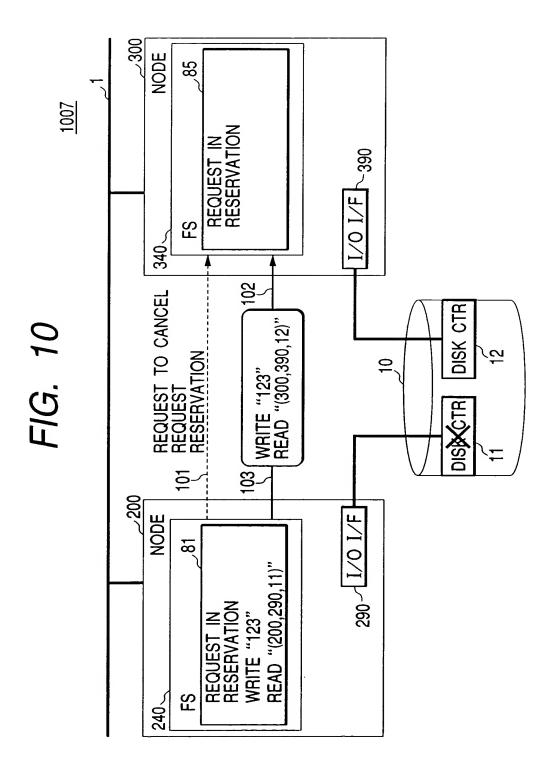
Fault Recovery (as amended) Sheets of drawings 8 of 15





Title: File System for Creating Switched Logical I/O Paths for Fault Recovery (as amended)
Sheets of drawings 10 of 15

10 / 15

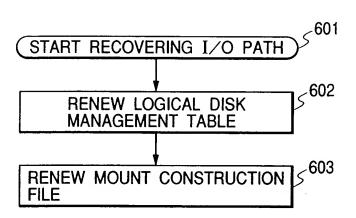


Telephone: 650-326-2400 Inventors: Akihiro Ito et al. Title: File System for Creating Switched Logical I/O Paths for Fault Recovery (as amended)

Sheets of drawings 11 of 15

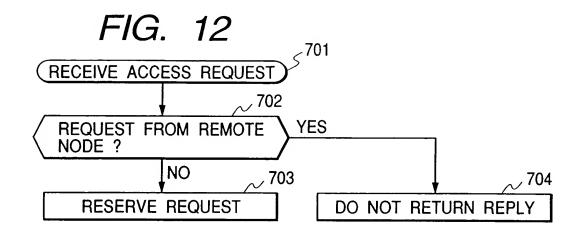
11 / 15

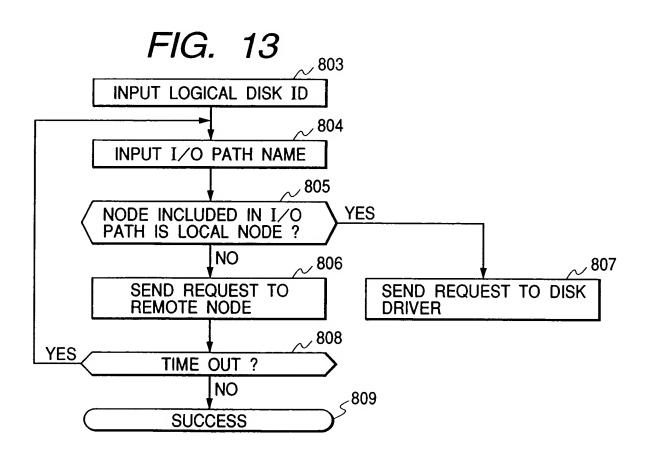
## FIG. 11



Title: File System for Creating Switched Logical I/O Paths for

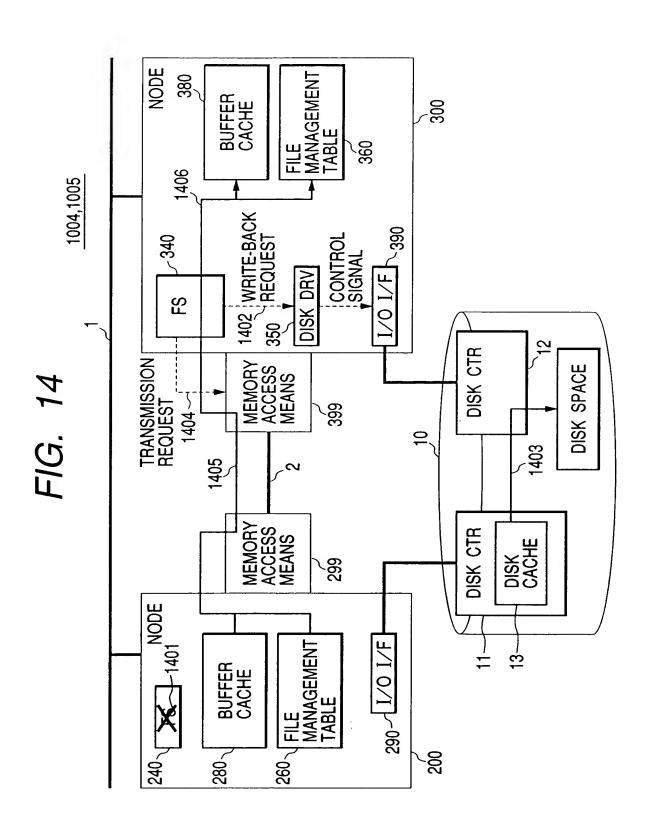
Fault Recovery (as amended) Sheets of drawings 12 of 15





Title: File System for Creating Switched Logical I/O Paths for Fault Recovery (as amended)
Sheets of drawings 13 of 15

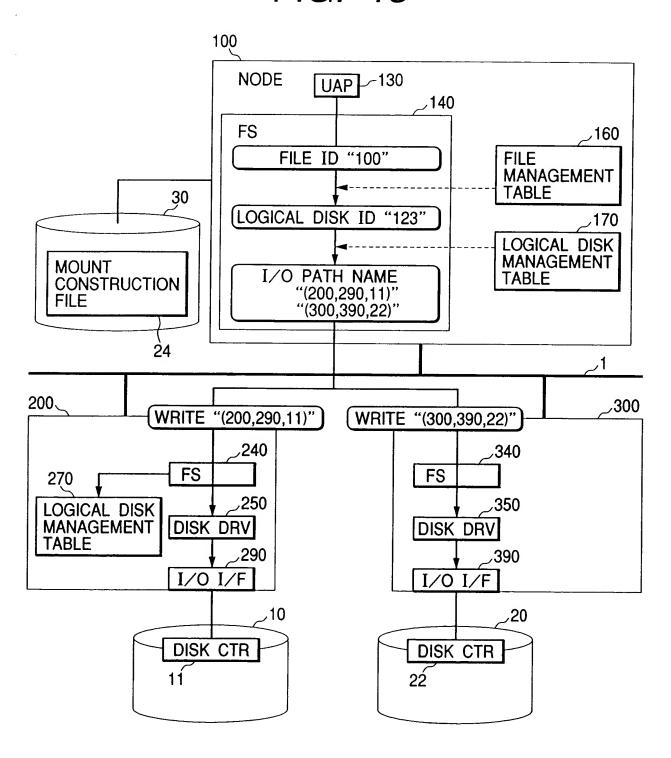
13 / 15



Telephone: 650-326-2400 Inventors: Akihiro Ito et al. Title: File System for Creating Switched Logical I/O Paths for Fault Recovery (as amended)

Sheets of drawings 14 of 15

FIG. 15



Telephone: 650-326-2400 Inventors: Akihiro Ito et al. Title: File System for Creating Switched Logical I/O Paths for Fault Recovery (as amended) Sheets of drawings 15 of 15

15 / 15

FIG. 16A

MOUNT CONSTRUCTION FILE 24

# ((NODE NUMBER, I/O I/F NUMBER, DISK CTR NUMBER) AVAILABILITY)

((200,290,11) AVAILABLE) ((300,390,22) AVAILABLE) /mnt

LOGICAL DISK MANAGEMENT TABLE 270(170)

271 272 273 274 275 276 277 278 (171) (172) (173) (174) (175) (175) (176) (177) (178)
272 273 274 275 276 (176) (177) (176) (176) (176) (176) (176)
272 273 274 275 276 (176) (177) (176) (176) (176) (176) (176)
272 273 274 275 276 (176) (177) (176) (176) (176) (176) (176)
272 273 274 275 276 (176) (177) (176) (176) (176) (176) (176)
272 273 274 (172) (173) (174)
272 273 274 (172) (173) (174)
272 273 274 (172) (173) (174)
(172)
(172)
(172)
(172)
(171)
(171)

279 (179)

		4	V	~	\	)	Į	>
LOGICAL DISK ID	NODE NUMBER	I/O I/F NUMBER	I/F DISK CTR SER NUMBER	STATUS FLAG	NODE NUMBER		I/O I/F DISK CTR NUMBER NUMBER	STATUS FLAG
123	200	290	1	AVAILABLE	300	390	22	AVAILABLE